

Please replace the Abstract of the Disclosure with the following, amended Abstract of the Disclosure:

Vehicles ~~(1-1)~~ or ships ~~(1-2)~~ each carry a magnetic force line sensor ~~(1-1)~~, a GPS position detector ~~(1-2)~~, and a data transmitter ~~(1-3)~~ and travel within an observation area transmitting magnetic field data and position data ~~of each point~~ to an earthquake prediction center ~~(4)~~. A telluric current induction field estimation unit ~~(4-3)~~ of the earthquake prediction center ~~(4)~~ estimates telluric current induction fields based on the received observation data ~~that it receives and collects~~. A telluric current estimation unit ~~(4-4)~~ estimates telluric currents based on the results of estimating the telluric current induction fields. A telluric current induction field intensity change pattern generation unit ~~(4-5)~~ generates patterns ~~that indicate~~ indicating the change over time of the intensity of telluric current induction fields. An earthquake prediction unit ~~(4-6)~~ analyzes the state of distribution of the telluric currents and the patterns of change in the intensities of the telluric current induction fields and estimates a seismofocal zone, seismic intensity, and time of occurrence of a seismic event.